

3.5.8 Electrical Pencil. Usually accomplished by vibratory action. Used where impression stamping is not feasible. Lettering guides should be used where possible to insure legible characters.

a. Typical Use. Mounted identification plates.

3.5.9 Engraving. Engraving will be accomplished as follows:

a. Engraving Dies. Engraved characters shall have dimensions as given in Table 1. The height dimension is measured to the center lines of the grooves.

TABLE 1 - DIMENSIONS OF ENGRAVED CHARACTERS

Height, Inch (+10%)	Minimum Groove Width, Inch
0.06	0.01
0.12	0.02
0.19	0.02
0.25	0.05
0.50	0.09

Maximum groove depth is 0.03 or 25% of the original material thickness of the marked surface, whichever is less.

b. Ink or Enamel Fillers:

1. Filling lacquers or enamels
Wernow Process Plant
1218 Long Beach Ave.
Los Angeles, California
Code Ident: 79463
2. Lacquer-Stik
Lake Chemical Co.
250 N. Washtenaw Ave.
Chicago, Illinois 60612
Code Ident: 08854
3. KEL-F-Plastic Printing Ink
Minnesota Mining & Mfg. Co.
Los Angeles, California
Code Ident: 04633

c. Color. White for medium to dark colored backgrounds. Black for light colored backgrounds.

d. Typical Use. Front panels, control panels, see-through legend plates.